245 654 *Silviculture.*—Great progress was made during this decade in silviculture. The establishment of a specialist Working Plan Circle enabled all the valuable commercial forests to be brought under modern methods of management, thus enabling the forests to be fully utilized without impairing their future productivity. Silvicultural research was undertaken for the first time and a special Research Division was formed.

[313] [314] *Commercial Development.*—Considerable progress has been shown in developing the commercial side of the department's activities. The out-turn of timber rose from 11 millions c.ft. to nearly 29 millions. The markets for minor products were developed and extended. The production of crude resin rose from about 4,000 maunds to 55,000 maunds greatly adding to the prosperity of the people in parts of Jammu Province where resin tapping has now become a well established village industry. Kashmir Artemisia has been brought under commercial working and now contributes considerably to the world's supply of Santonin.

General.—The expansion of the Forest Department's activities have very largely benefitted the people of the State. Not only has the larger income produced by the department enabled the Government to spend more money on social services such as education and medicine, but the increasing out-turn of produce has provided a great deal of work for the inhabitants many of whom now rely on forest works to enable them to pay their land revenues.

241 242 **28. Agriculture.**—A glance at Imperial Table X (Occupation), will show that by far the major portion of the inhabitants of the State depend on agriculture for their livelihood. The prosperity of trade and transport is also indissolubly linked with the bright prospects of agriculture for if the purchasing power of the masses goes low on any account a season of depression sets in the trading section of the community. The activities of the Agriculture Department in promoting the interests of farmers by introduction of better varieties of seed, more scientific instruments, better manures and last but not least by awakening a new interest in agriculture by overcoming the apathy of ages are particularly relevant to the Census Report. Any invention or discovery which can double the yield of crops in this country is bound to multiply to the same extent the mouths that feed on it. The activities of the Agriculture Department of the State are, however, unfortunately concentrated in the Kashmir valley only, and the province of Jammu has not derived any material advantage from its existence so far. The extension of the department's activities to that province on a larger scale is apparently necessary.

In the Kashmir valley the Agriculture Department maintains two experimental farms where several varieties of agriculture and vegetable seeds imported from India and foreign countries like America, England, Russia, Italy are tried and recommended for adoption to cultivators after the experiments have met with success on the Government farms. In some cases acclimatised seeds have multiplied the yield by 50 per cent. About 160 varieties of foreign vegetables are also grown on the farm. The seed is distributed twice a year in the valley and demands from other places are met by post.

241 177 *Implements.*—Several implements such as Meston ploughs, Horse Hoe, Bar Harrow, Chaff Cutter, Maize Huller and Sheller, Automatic Seed Drill have been introduced and though a few only of the zamindars who are enterprising enough have come forward to purchase them and try their utility on their farms an innovation has been started which might prove of considerable value in the future.

543 *Shows.*—Agricultural shows used to be held on the occasions of seed distribution and have now come to form a part of the Industrial Exhibition held annually in Srinagar. The Agriculture Department occupies a separate section where several varieties of different agricultural and horticultural products are exhibited besides the implements and provide a source of valuable information and instruction to the people. In 1979 an agricultural show was held at Jammu